



MH1005A™ **5" RUGGED HANDHELD** Powerful Mobile Solution – Designed for Efficiency

The MH1005™ is a fully rugged handheld device for industrial use, withstanding water, dust, vibration and more, making it ideal for operations in harsh environment.

The MH1005A is designed for use in very tough conditions. It is IP65 dust proof and water resistant, withstands vibration and works in temperatures of -10 to +50 °C / 14 to +122 °F.

With light weight and compact form factor it can easily be used by the operator on the job. Thanks to the simple latch system and hot-swappable battery the MH1005A supports continual operation on the field without down time.

The MH1005A features built-in NFC reader and optional 1D/2D barcode scanner, enabling both indoor and

outdoor barcode scanning for advanced data collection. In addition, it is equipped with a 2MP front camera and a 8MP rear camera for photo and video capturing.

Key Features

- Cortex-A53 octa-core processor
- 5" 1280 x 720 TFT panel with direct optical bonding
- Android operating system
- Hot-swappable battery
- IP65 water resistant and dust proof
- Designed for use in extreme temperatures
- Optional integrated 1D/2D barcode reader
- Supports NFC functions
- Double integrated cameras on front and back

Because it Works!™

MH1005™ Product Specifications

Base unit

Display	5" (1280 x 720)
	500 NIT (typ.) brightness
	800:1 Contrast
	Multi-touch projective capacitive touch
Memory	2GB RAM
Processor	ARM® Cortex-A53 octa-core 1.3GHz

Storage

Onboard	16GB eMMC
Expansion	SDHC-card (up to 32 GB)

RF Options

Bluetooth	v4.1
GNSS	GPS / AGPS / GLONASS
WLAN	802.11 a/b/g/n
WWAN North America	LTE Cat 4 / DC-HSPA+, b2/b4/b5/b13/b17 (ability to switch between operators)
WWAN Other regions	GSM/GPRS/EDGE, b2/b3/b5/b8 FDD-LTE / TDD-LTE, b1/b3/b4/b7/b8/b20/ b38/b39/b40/b41 WCDMA/HSDAP/HSPUA, b1/b2/b4/b5/b8

Interfaces

Audio	1x 1.2W speaker
	2x Built-in mic
	1x Earphone
Camera	Front: 2.0 MP
	Rear: 8.0 MP with LED flash
Data Capture	1D/2D barcode reader (optional)
	Fingerprint reader (optional)
	NFC reader
	Smart card reader (optional)
Indicators	1x LED (status)
Keys	1x Power
	1x Volume keys
	2x Programmable function keys
	2x Front keys
Ports	1x Docking connector
	1x Micro USB
	1x Micro SD-card slot
	1x Power jack
	2x SIM-card slot

Sensors

Sensors	Digital compass
	G-sensor
	Light sensor

Power Supply

Adapter	5V 2A
Battery	3.7V 3900mAh Li-ion removable battery (optional for hot-swappable function)
	Up to 20 hours operating time

Security

Mobile Device Management	SOTI Mobicontrol compatible (available upon request)
---------------------------------	--

Operating System

Android	Android
----------------	---------

Physical Characteristics

Dimensions	85.9mm (w) x 163.2mm (h) x 22.5mm (d) 3.38 inch (w) x 6.43 inch (h) x 0.89 inch (d)
Weight	0.135 kg / 0.28 lb

Environment

Drop	MIL-STD-810G (multiple 5-foot drop to concrete)
Dust and water	IP65
Operating temp.	-20 to +60 °C / 68 to +140 °F (AC mode)
	-10 to +50 °C / 14 to +122 °F (battery mode)
Shock	MIL-STD-810G
Vibration	MIL-STD-810G

JLT Mobile Computers

Head Office: Isbjörnsvägen 3, SE-352 45 Växjö, SWEDEN

Sales Office: Medborgarplatsen 3, Plan 8, SE-118 26 Stockholm, SWEDEN

Phone: +46 470 53 03 00 **Email:** info@jltmobile.com

North America: 7402 West Detroit Street, Suite 150 Chandler, Arizona 85284, USA

Toll free US: 844-705-4200 **Intl Phone:** +1 480 705 4200 **Fax:** +1 480 397 1214 **Mail:** USsales@jltmobile.com

www.jltmobile.com

